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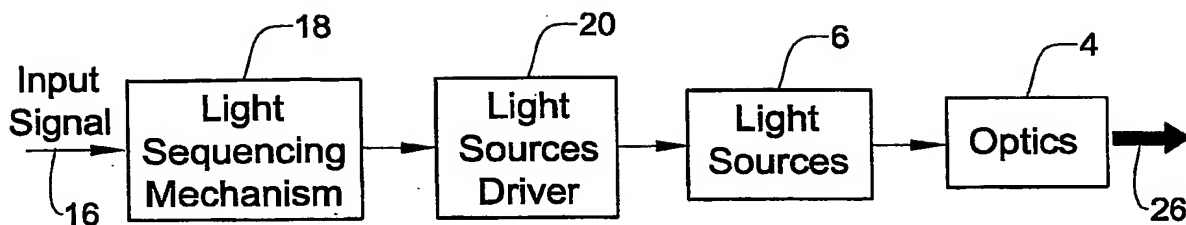


FIG. 1

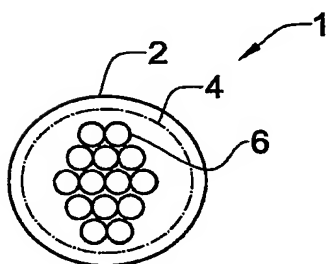


FIG. 2A

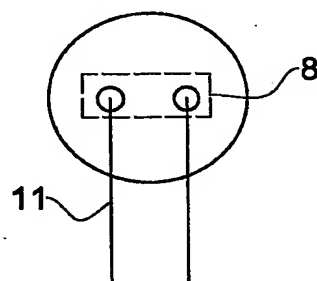


FIG. 2B

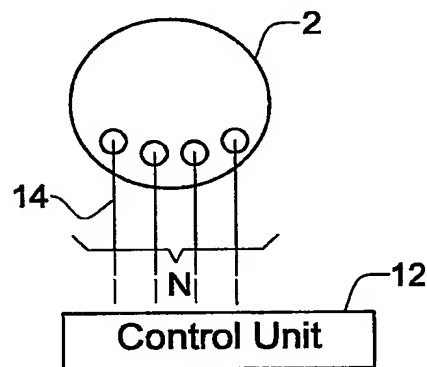


FIG. 2C

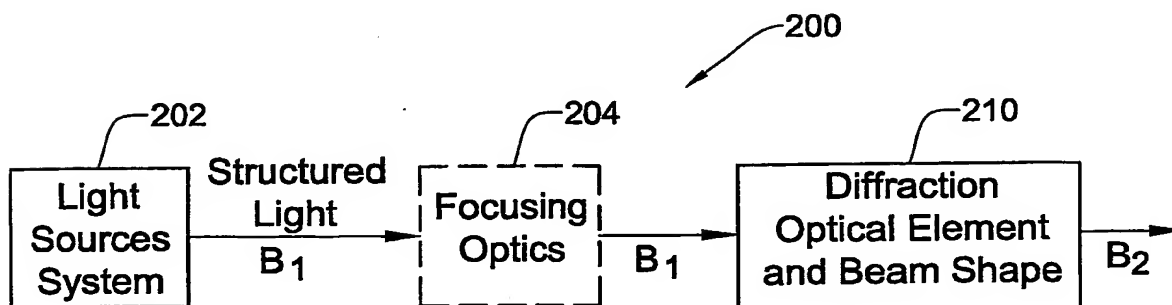


FIG. 3

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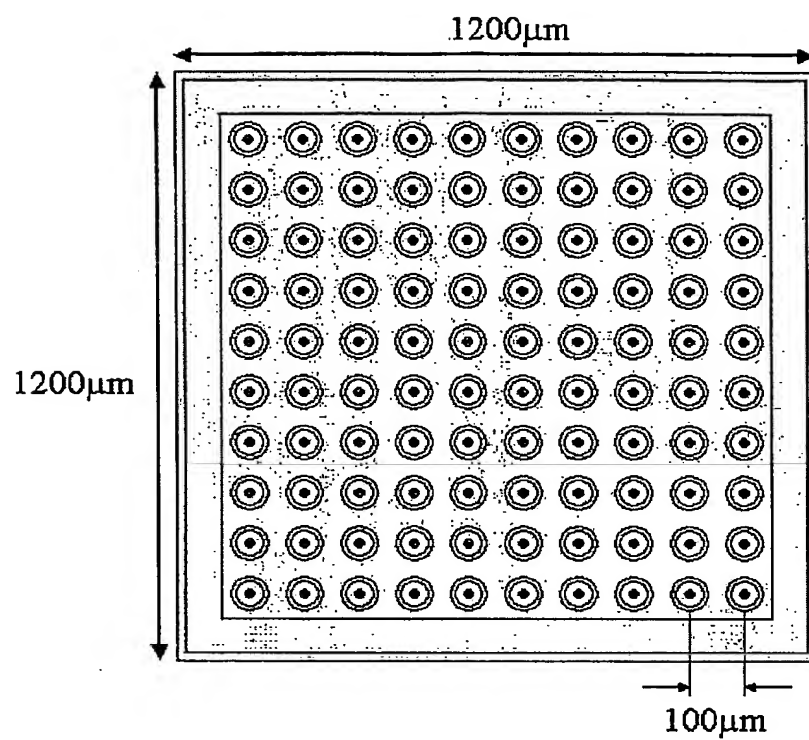


FIG. 4

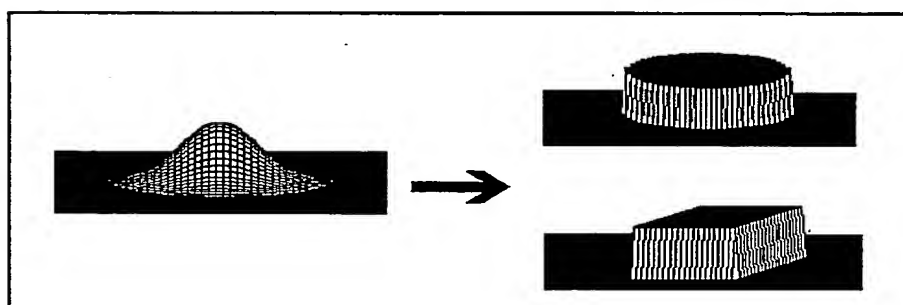


FIG. 5

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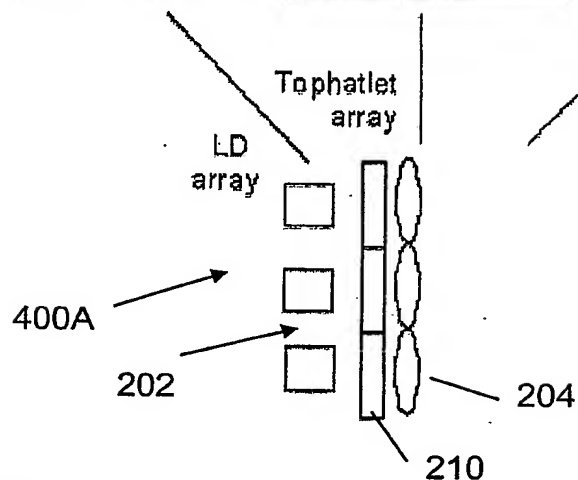
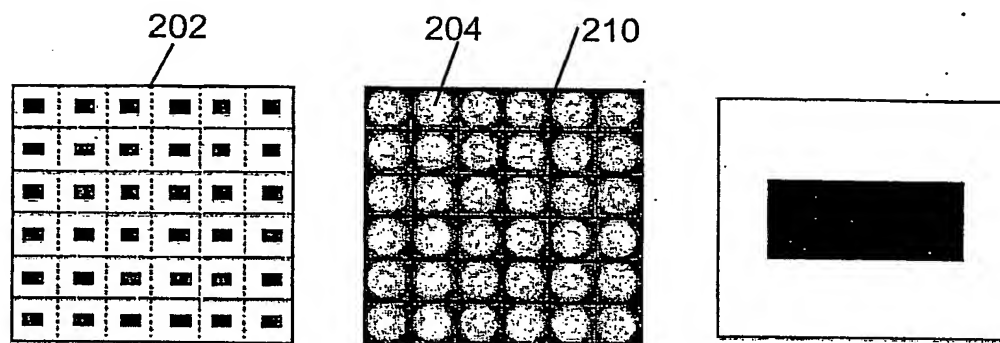


FIG. 6A

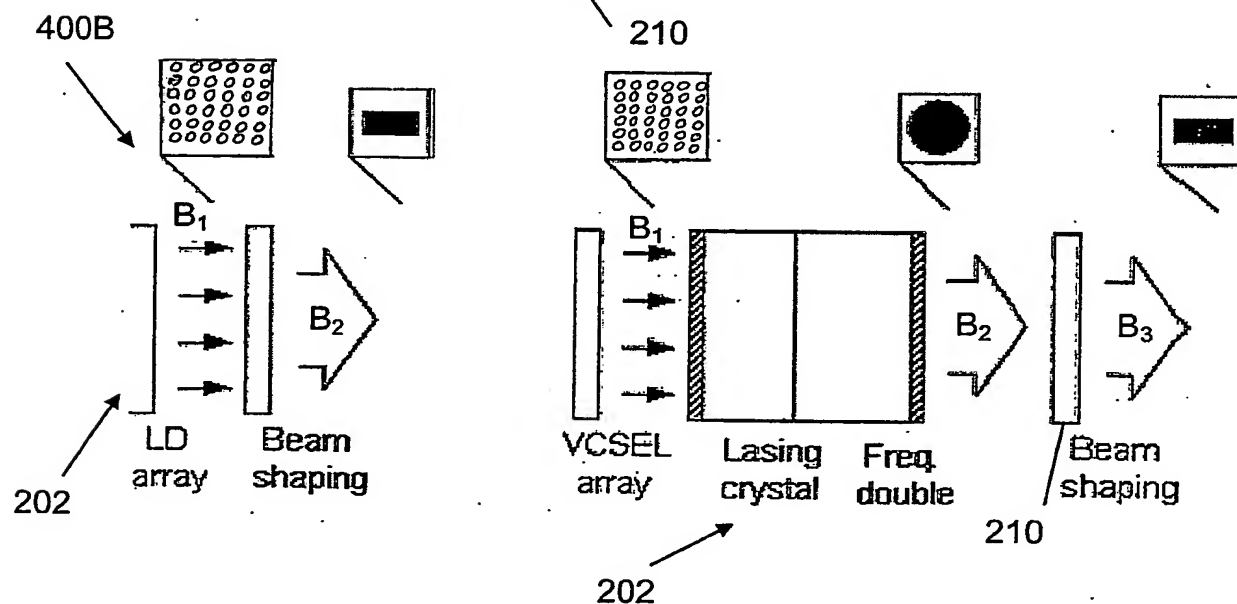
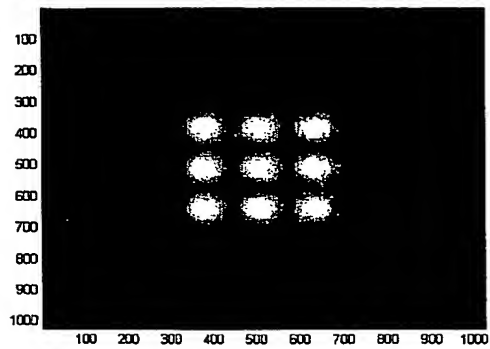


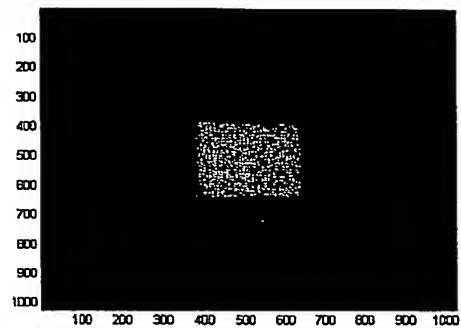
FIG. 6B

FIG. 6C



Laser Array Beam Profile

FIG. 6D



Uniform Beam Profile
after TopHatLet

FIG. 6E

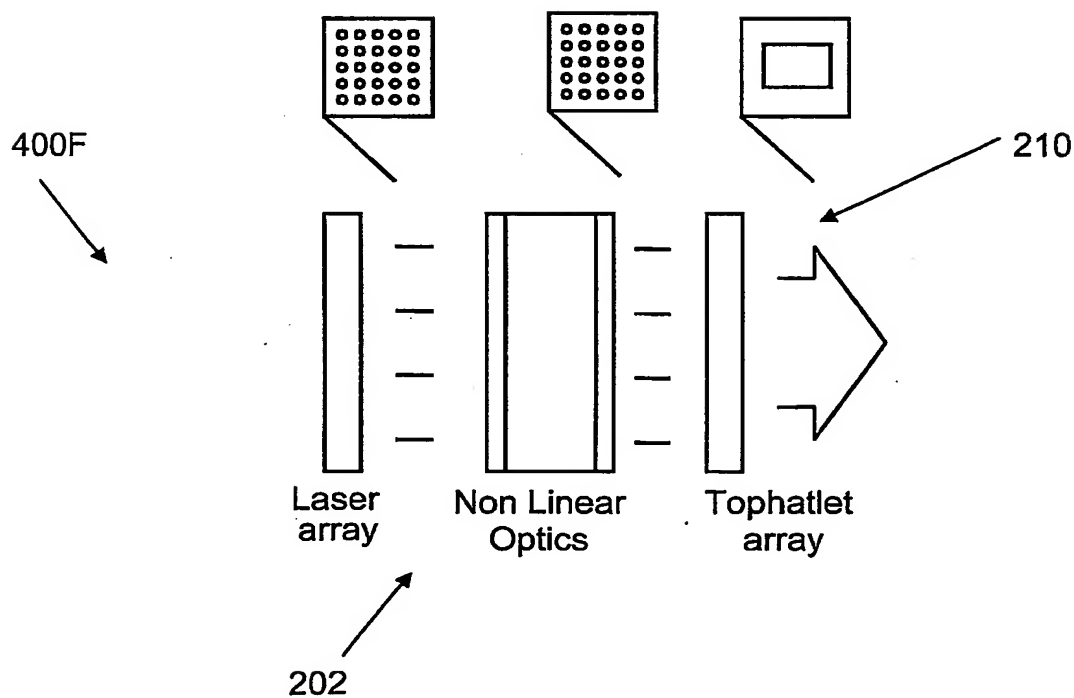


FIG. 6F

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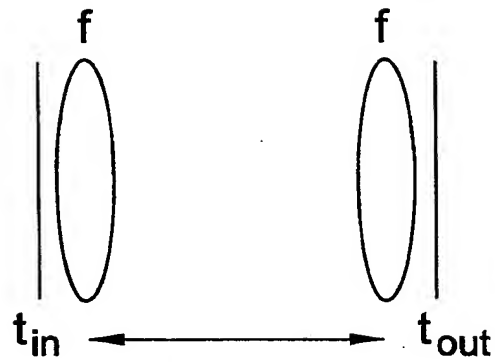


FIG. 7A

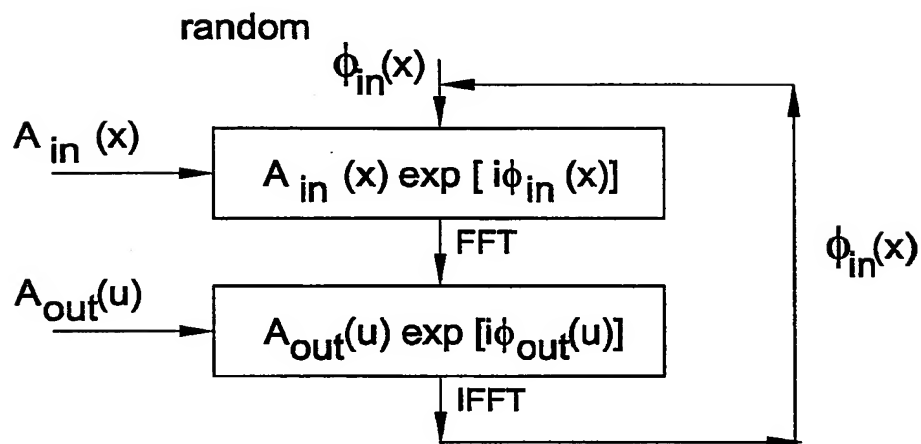


FIG. 7B

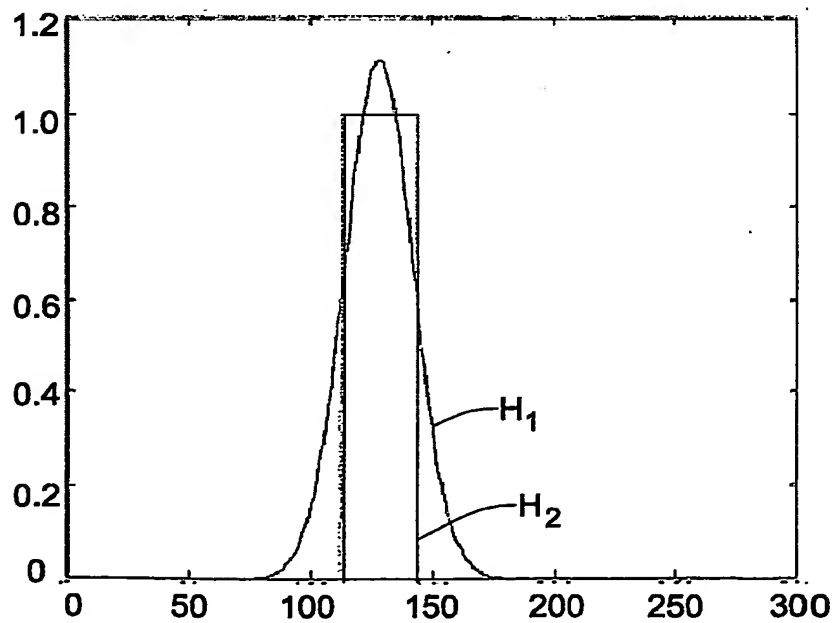
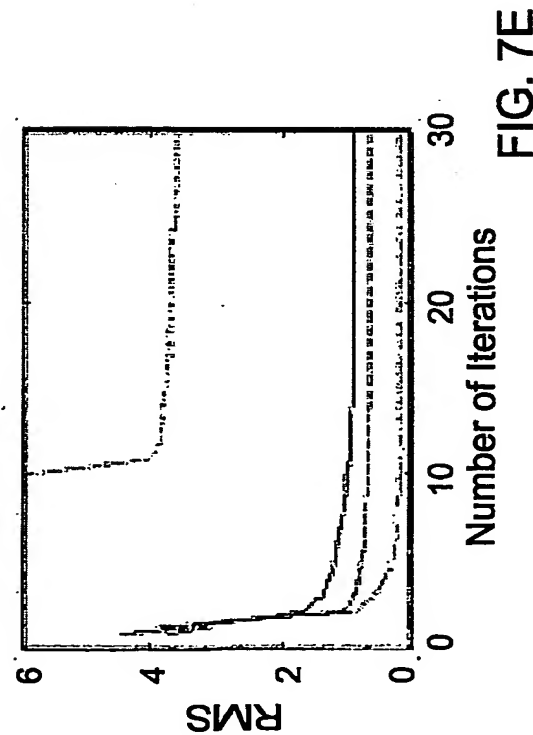
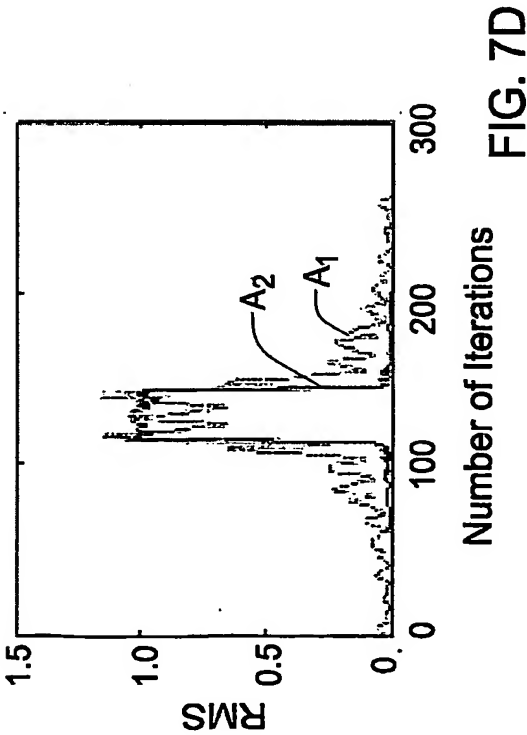
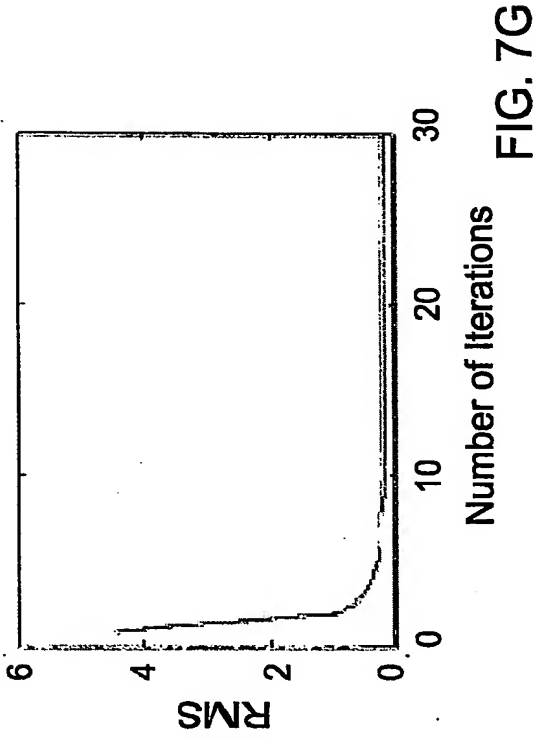
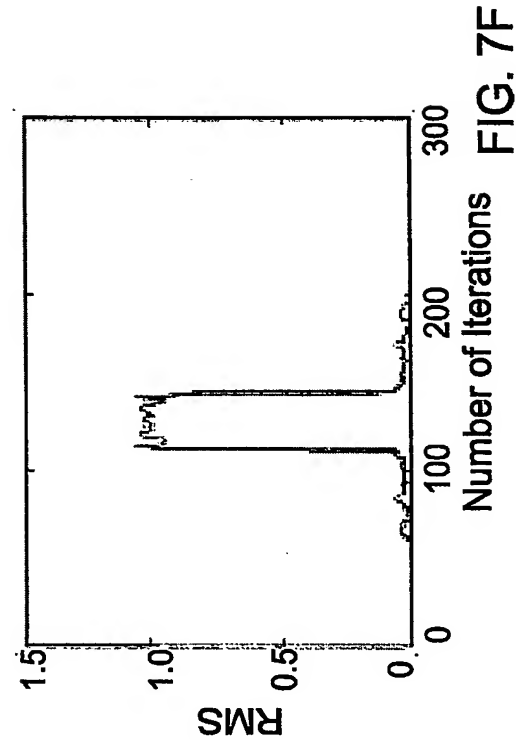


FIG. 7C



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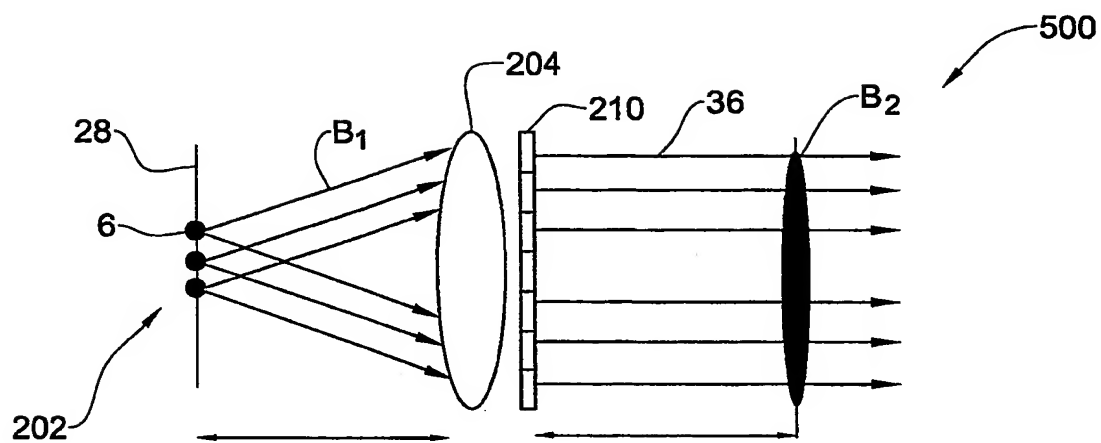


FIG. 8

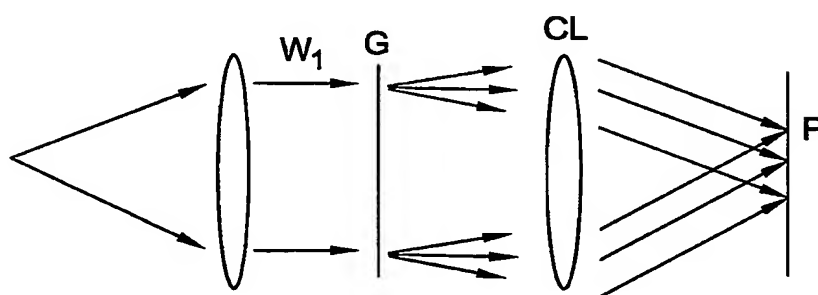


FIG. 9A

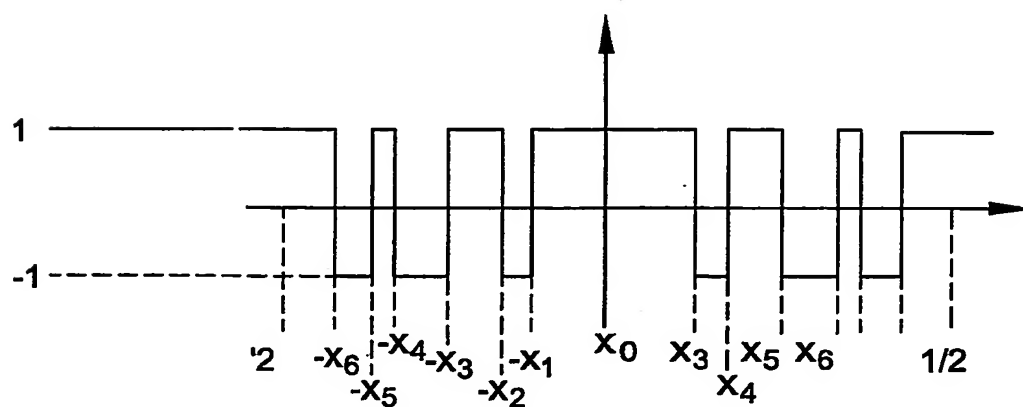


FIG. 9B

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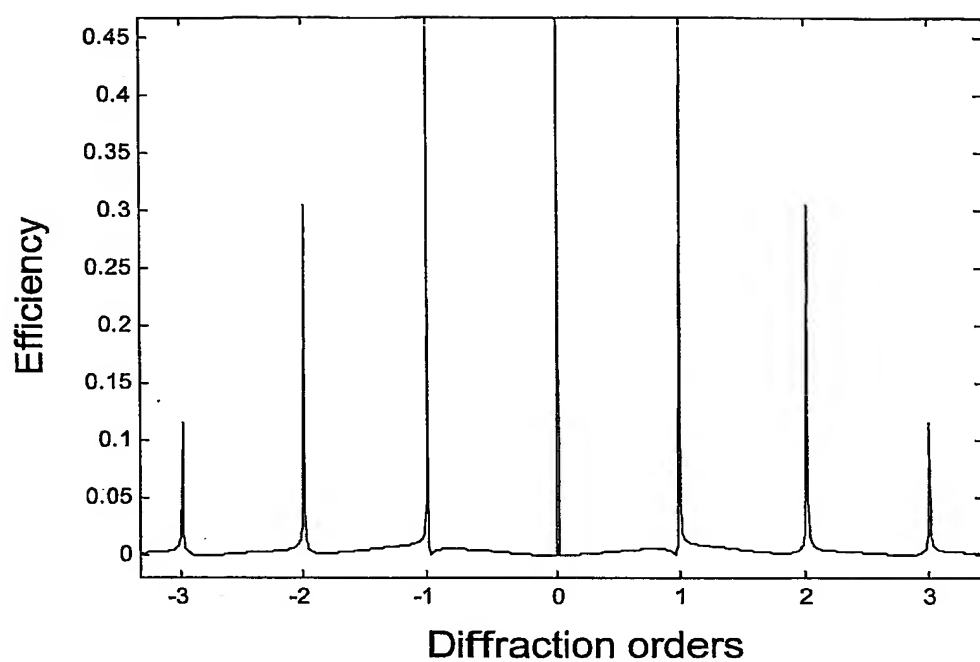


FIG. 9C

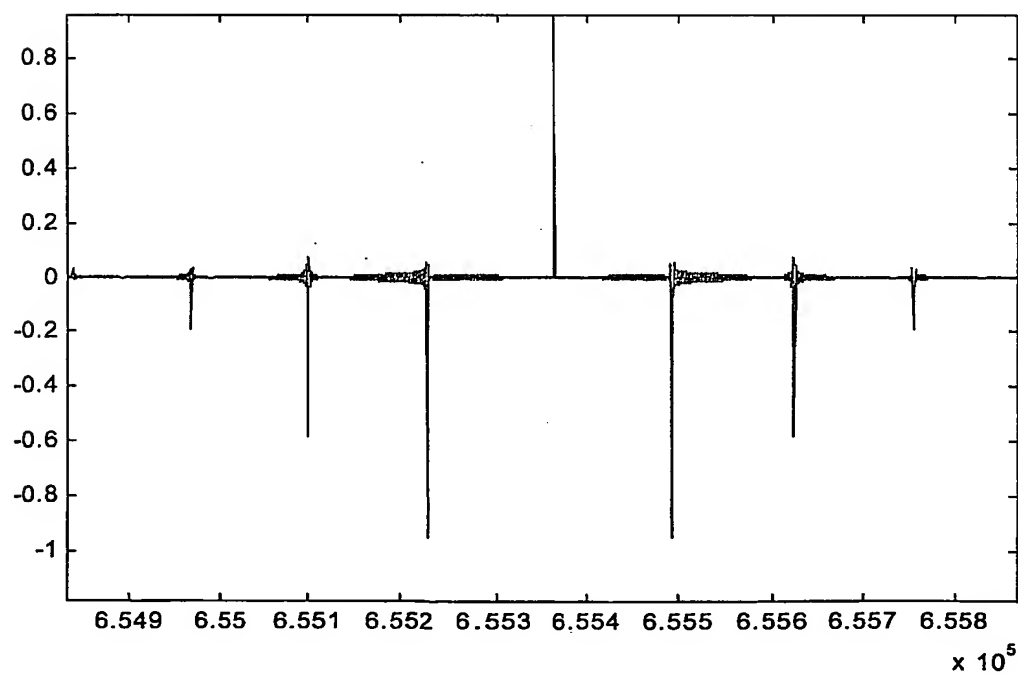


FIG. 10A

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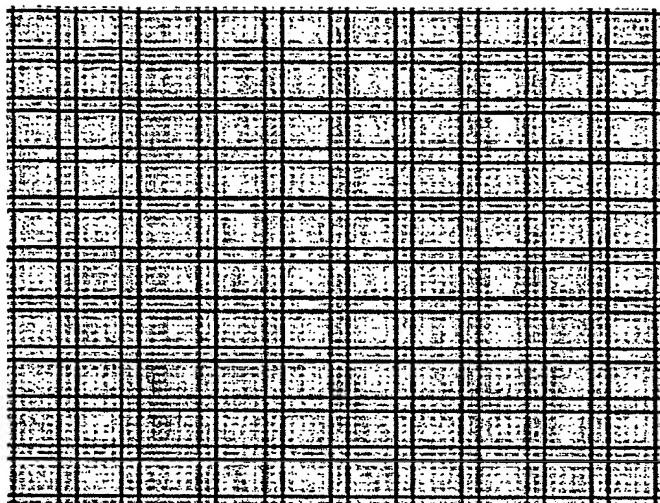


FIG. 10B

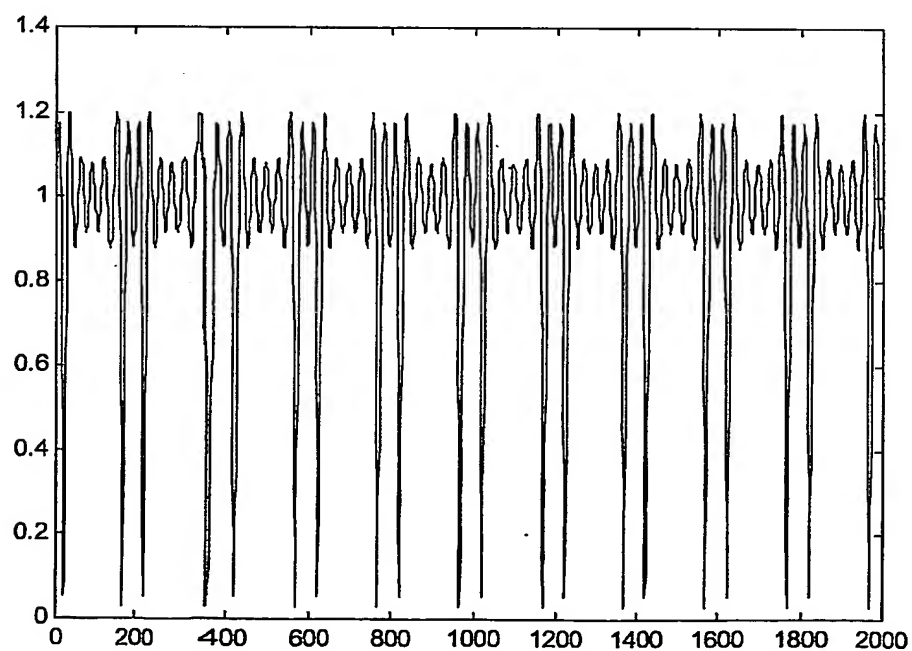


FIG.10C

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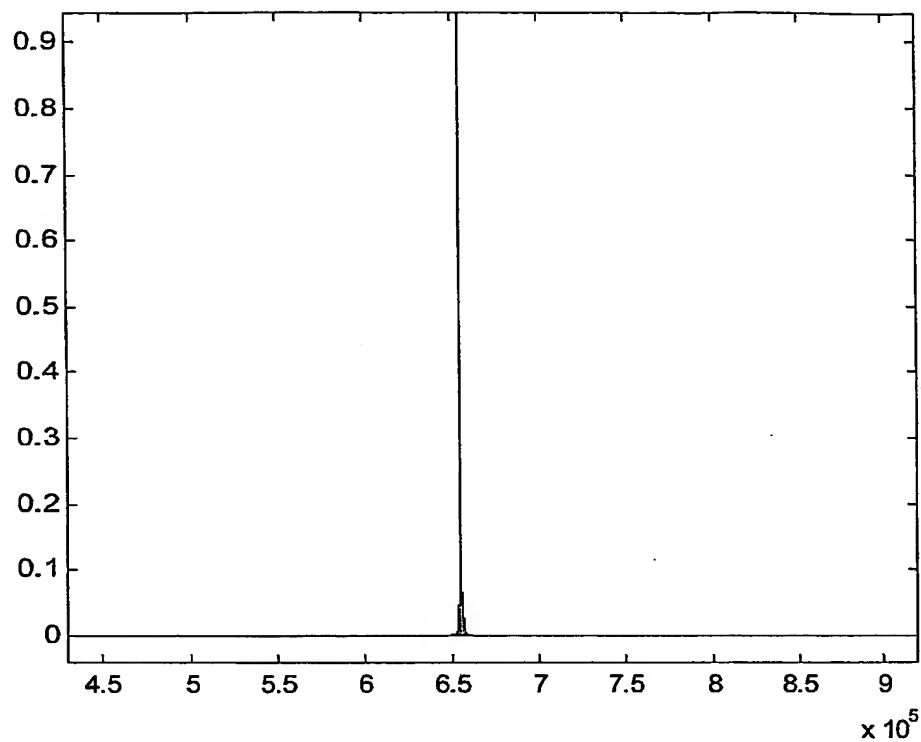


FIG. 10D



FIG. 10E

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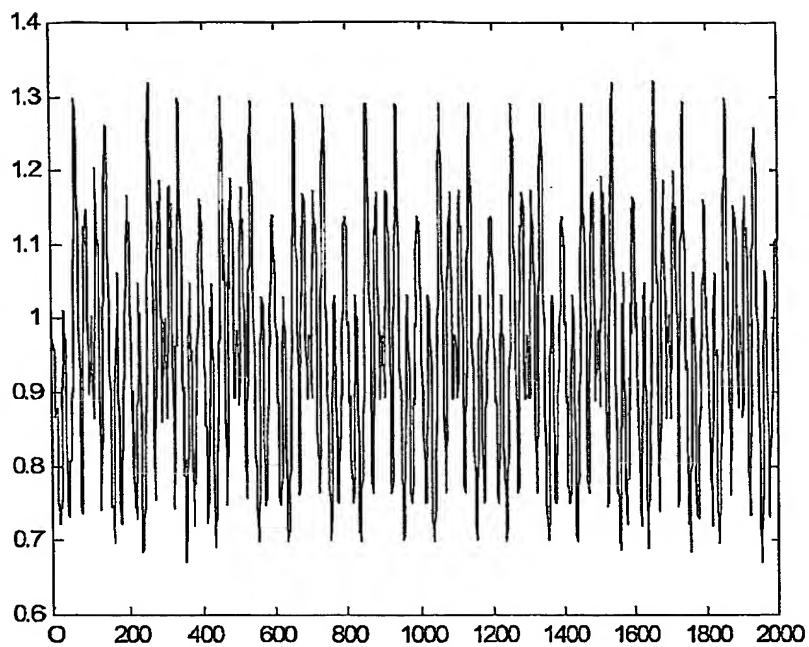


FIG. 10F

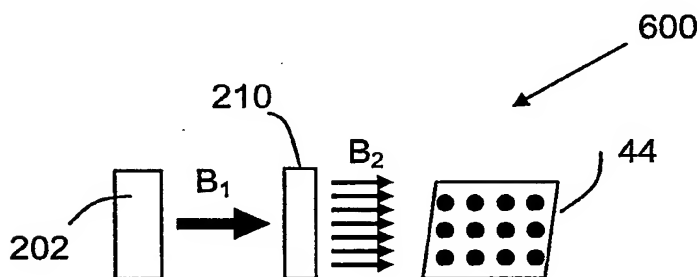


FIG. 11

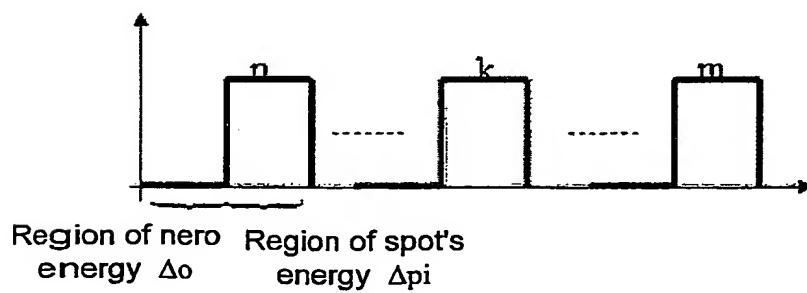


FIG.12

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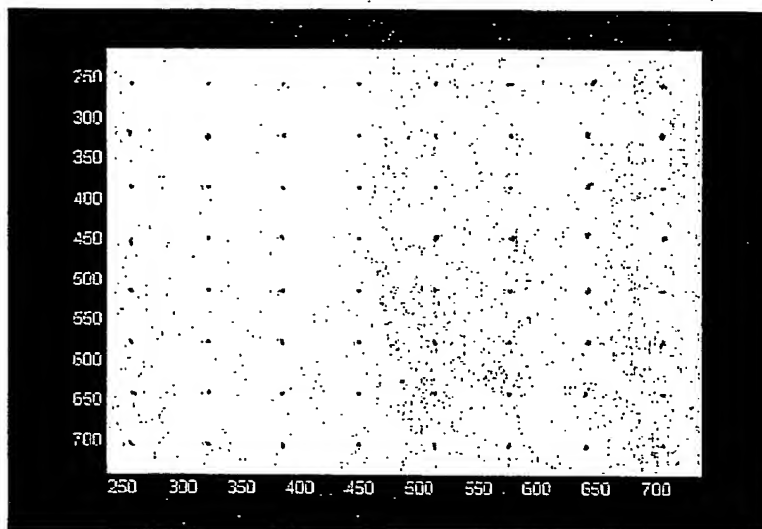


FIG. 13A

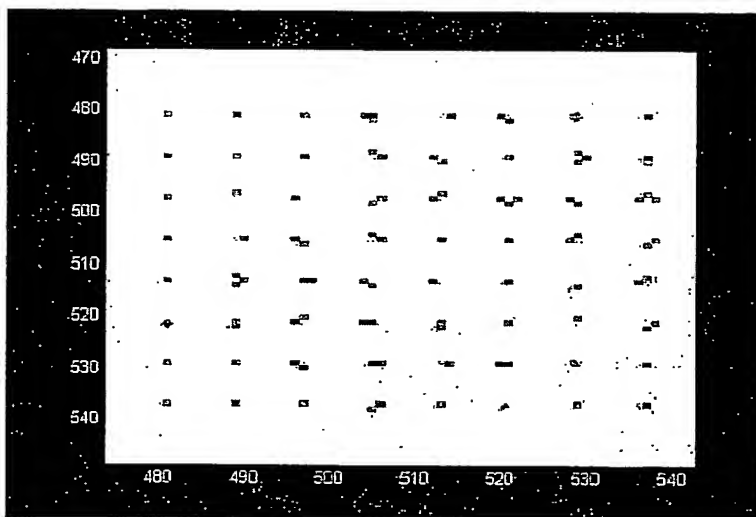


FIG. 13B

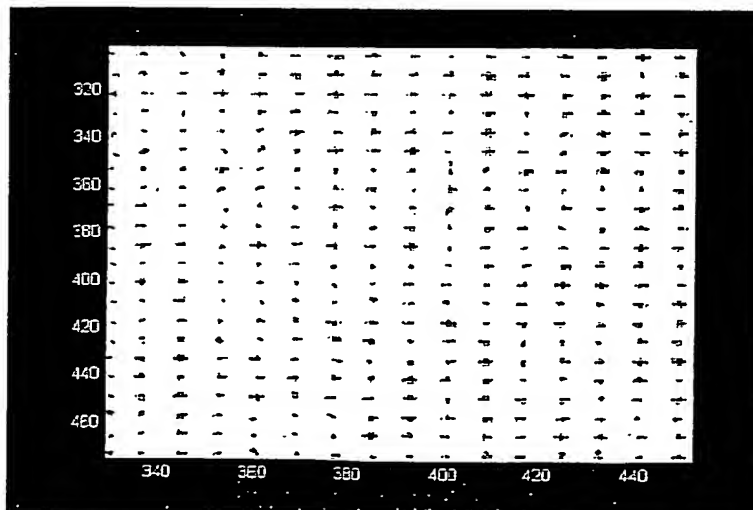


FIG. 13C

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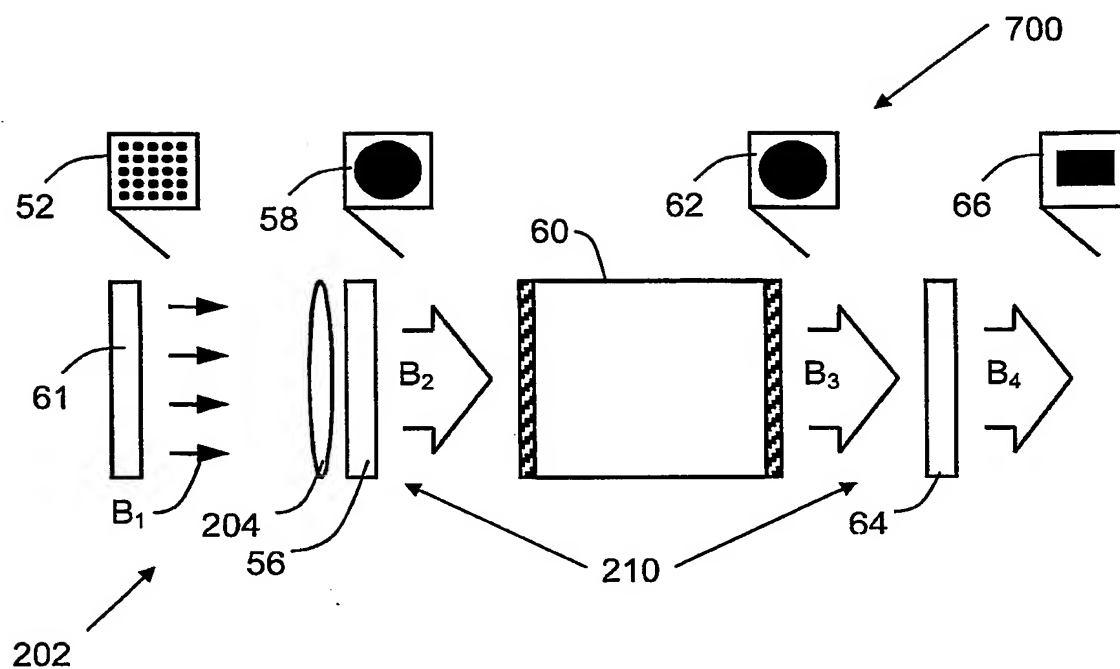


FIG.14

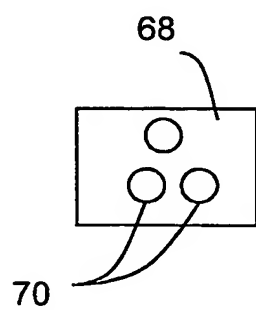


FIG.15

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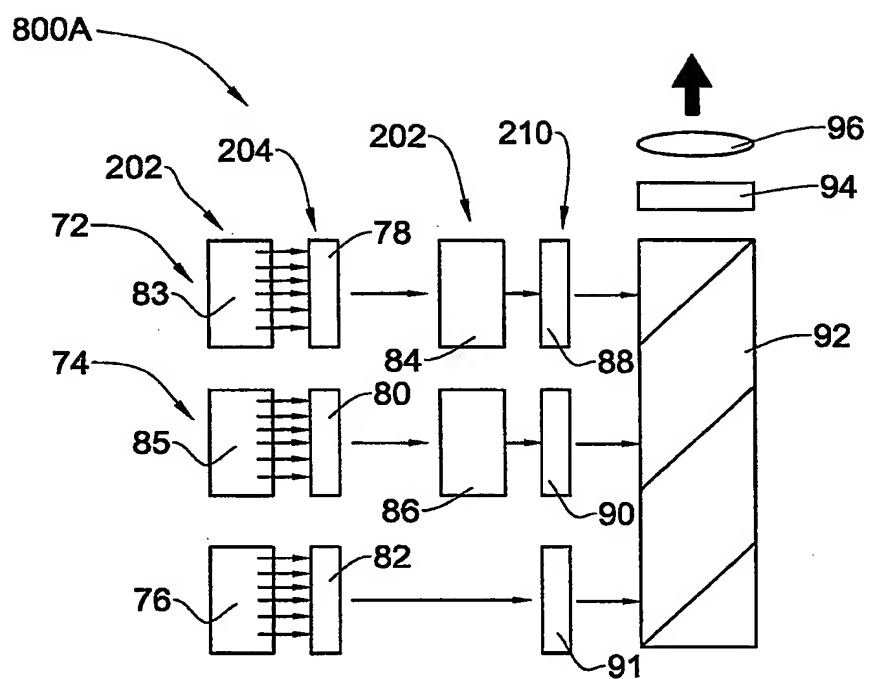


FIG. 16A

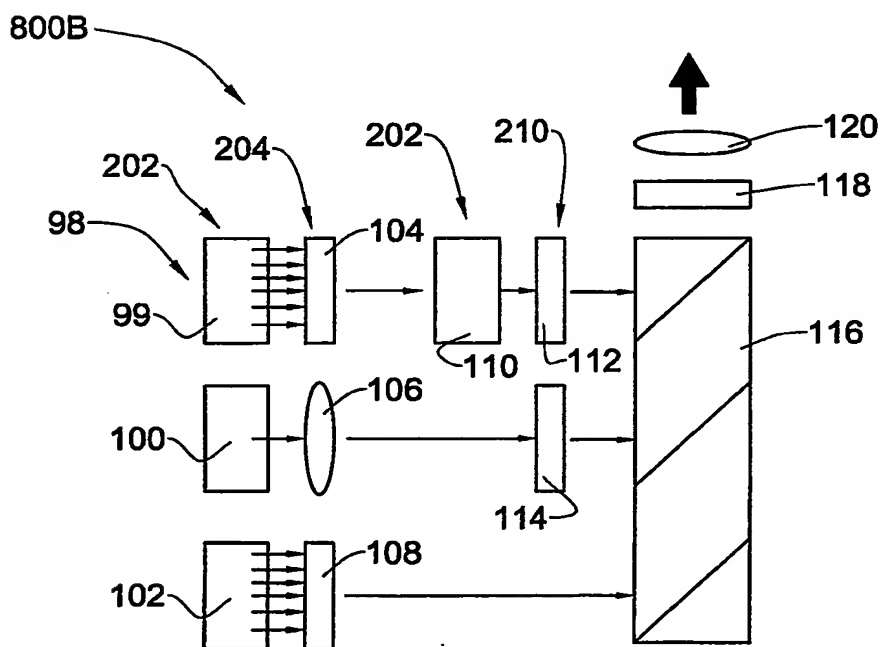


FIG. 16B

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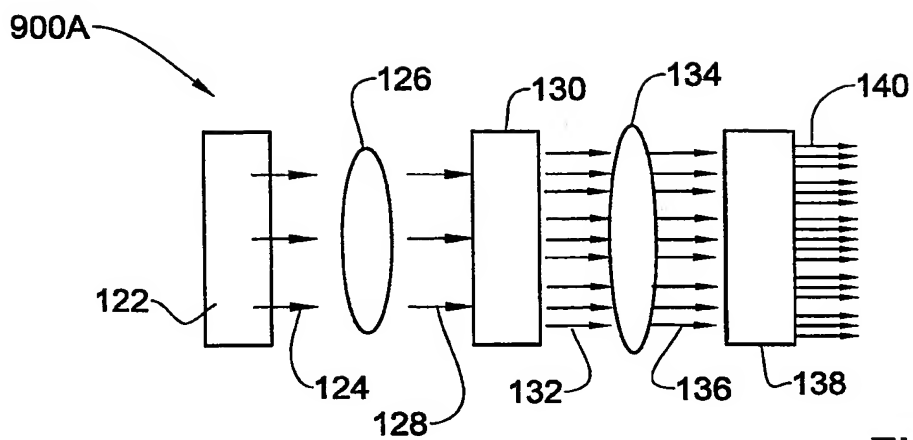


FIG. 17A

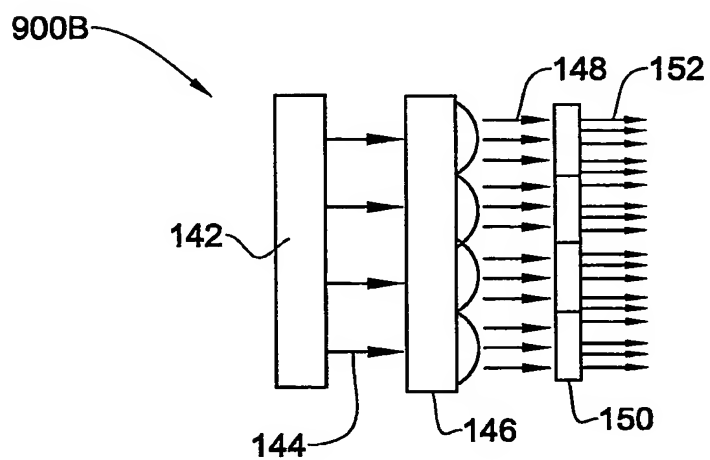


FIG. 17B

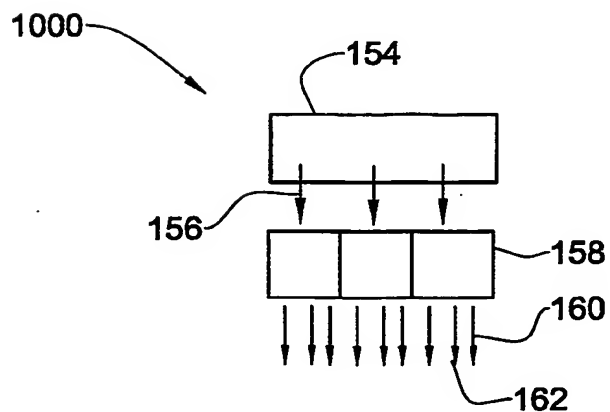


FIG. 18

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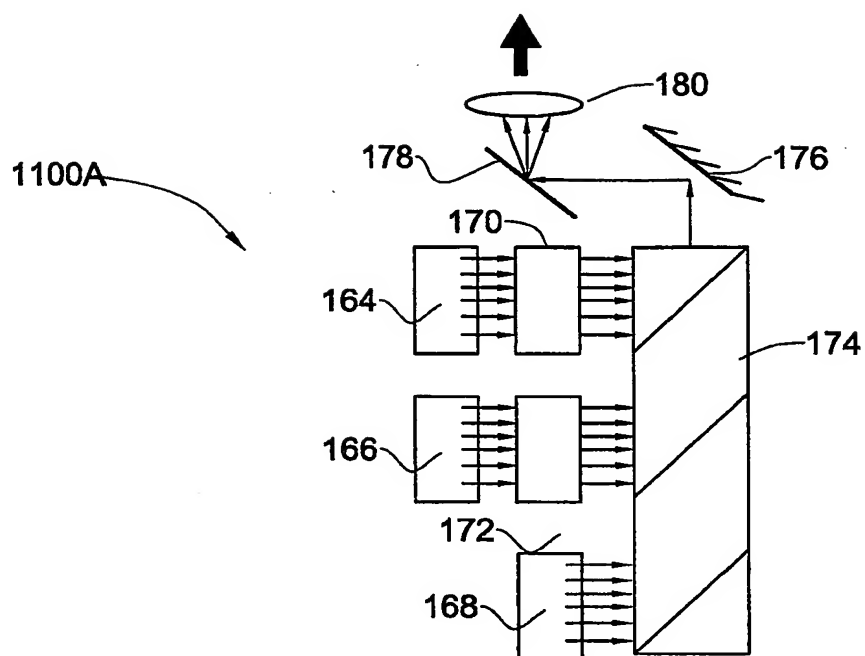


FIG. 19A

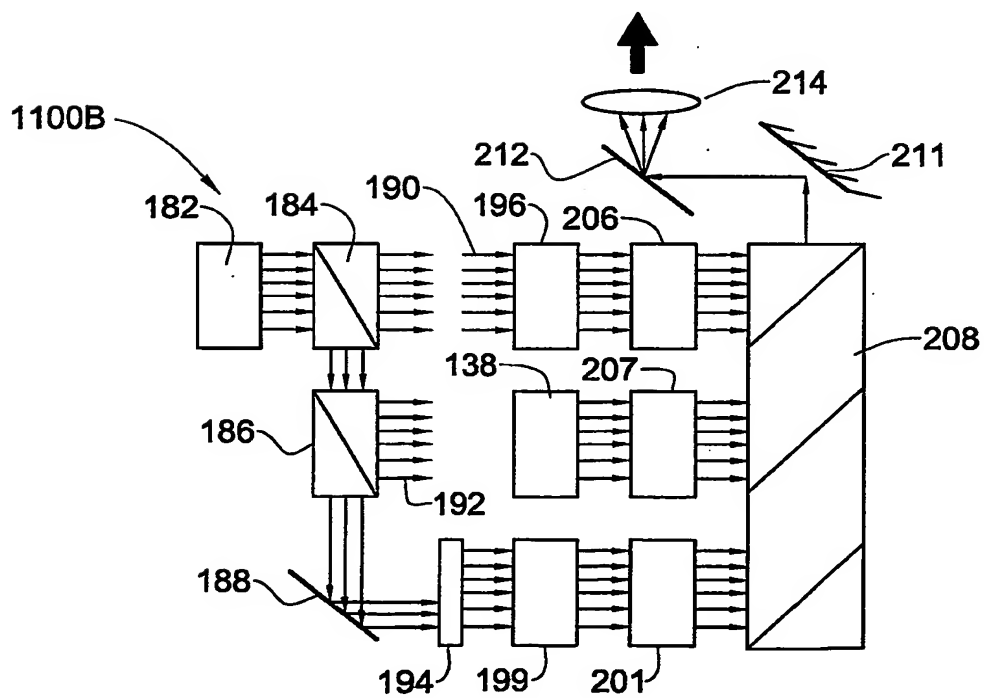


FIG. 19B